

Name: _____

SCIENCE 8 OUTLINE & EXPECTATIONS

Kwantlen Park Secondary

Ms. Chen

Welcome to Science 8! This course is divided into four main areas: Biology, Physics and Earth Science. With enthusiasm and hard work, you will be able to achieve success, learn scientific skills and knowledge, and develop positive science attitudes. It is my hope that you will leave this course with a greater appreciation for the importance and relevance of science in your life, and develop a stronger personal interest in science.

COURSE TOPICS

Preparation: Applications of Science: Safety and Scientific Method

Topics: Safety, Process Skills, Scientific Method, and Metric System

Unit 1: Cells and Systems

Topics: Cells, diffusion, osmosis, human body systems

Unit 2: Optics

Topics: Waves, electromagnetic spectrum, mirrors and lenses

Unit 3: Fluids and Dynamics

Topics: Matter, density, force, pressure

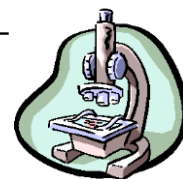
Unit 4: Water systems on Earth

Topics: Water cycle, oceans, water quality



TEXTBOOK: BC SCIENCE 8 (McGraw-Hill Ryerson)

Materials	Mark Breakdown	% to Letter Grade
✧ 3 ring binder/dividers	Term Mark: 80%	86-100 = A
✧ Pencils/pens/eraser	Assignments/Labs/Projects 60%	73-85 = B
✧ Calculator	Tests/Quizzes 30%	67-72 = C+
✧ Lined paper	Notebook Assessment 10%	60-66 = C
✧ Agenda		50- 59 = C-
✧ RED PEN	Final Exam: 20%	



If your standing is less than 60% on the first report card, you will also receive an “I” with instructions on how to improve your mark in this course. For the final report card, a mark less than 50% will result in the grade of an “F”

Classroom Expectations:

- ✧ Respect yourself and others/Respect the environment/ Respect learning (KPS code of conduct)
- ✧ Missing or late assignments will not be accepted two weeks after the due date unless:
 1. The assignments have been completed during scheduled office hours (Tues, Thurs 2:40 – 4 pm).
 2. Prior arrangement and clarification for the absence have been discussed with the teacher
- ✧ Missed quizzes and tests must be written within 2 weeks of the original date on Thursday after school in room C210.
- ✧ The science department values academic integrity as a result cheating or plagiarism may result in a mark of zero.
- ✧ **NO electronic devices** (except calculators) can be used during class time!
- ✧ There is no food or gum allowed in class, you can bring water but it must be in an eco-friendly container (no cans, plastic bottles or cups).
- ✧ All students will work safely in the classroom and LAB at all times! People acting in dangerous manners or who do not listen to instructions will be prohibited from participating in labs.

Consequences for violation of these expectations are as follows:

1. Student-teacher conference
2. Student-teacher conference and/or detention
3. Student reflection sheet and parental contact
4. Parental contact
5. Referral to administration

Note: Good attendance is a key ingredient to the success in Science (or any course) at any level

I'm looking forward to a fun, interesting and successful year.

- ✧ **Due to labour dispute all after school arrangements will occur during lunch time on the scheduled days.**

For more information on course content and class schedule please visit our class website:
www.s-chen.wikispaces.com